



# ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER  
FINAL EXAMINATION SESSION 2019 – 20

CLASS – IV

SUBJECT: SCIENCE

TIME: 3 HRS

M.M:80

Name \_\_\_\_\_

Roll no. \_\_\_\_\_

## 1. Multiple choice questions.

(10X1=10)

(a) \_\_\_\_\_ is found in deserts.

(i) Loam

(ii) Sand

(iii) Clay

(b) The loss of topsoil layer on hill slopes can be prevented by\_\_\_\_\_.

(i) mixed cropping

(ii) constructing dams

(iii) terrace farming

(c) At\_\_\_\_\_, the days and nights are equal.

(i) equator

(ii) tropic of Cancer

(iii) tropic of Capricorn.

(d) Seasons are caused by the\_\_\_\_\_.

(i) revolution of the earth around the sun

(ii) tilt of the earth's axis

(iii) volcanic eruption

(e) We get \_\_\_\_\_ when a solute is dissolved in a solvent.

(i) gas

(ii) solid

(iii) solution

(f) Physical change is a \_\_\_\_\_ change.

(i) permanent

(ii) temporary

(iii) sudden

(g) The \_\_\_\_\_ to do work is called energy.

(i) force

(ii) capacity

(iii) speed

(h) A windmill converts the energy of wind into \_\_\_\_\_ energy.

(i) electrical

(ii) magnetic

(iii) sound

(i) Days and nights are caused by the \_\_\_\_\_ of the earth.

(i) revolution

(ii) rotation

(iii) volcanic eruption

(j) Formation of curd is a \_\_\_\_\_ change.

(i) reversible

(ii) chemical

(iii) physical

## 2. One word answers.

(10X1=10)

(a) "Speed thrills but kills". Is the statement true or false?

(b) Name the third layer of the soil.

(c) Name a layer of soil which is very soft and loose.

(d) The soil deposited by the rivers along their banks is called \_\_\_\_\_.

(e) Name any one Indian artificial satellite.

(f) Name the middle layer of the earth.

(g) Which state of matter has a definite volume but no fixed shape?

(h) Name a change in which new substance is formed.

(i) Name any one fuel which we get from the earth.

(j) What is a full form of ORS?

**3. State whether the following statements are true or false.**

(8X1=8)

- (a) The base of soakage pit should be porous.
- (b) A child suffering from diarrhea should be given ORS.
- (c) Lever, pulley and inclined plane are the examples of a simple machine.
- (d) In solids, the molecules are closely packed together.
- (e) Aryabhata and Rohini are the artificial satellites of the earth.
- (f) Mercury is the coldest planet.
- (g) The roots of most of the plants grow in the subsoil.
- (h) A person who is bleeding should get the first aid at once.

**4. Fill in the blanks.**

(8X1=8)

- (a) We should turn off the main switch in case of a \_\_\_\_\_.
- (b) Soil is conserved by making \_\_\_\_\_.
- (c) The layer of soil which is lighter in colour is the \_\_\_\_\_.
- (d) \_\_\_\_\_ is sometimes called the morning and the evening star.
- (e) In summer, the days are \_\_\_\_\_ and in winter, the days are \_\_\_\_\_.
- (f) Melting of ice is a \_\_\_\_\_ change.
- (g) Drawing of cart is an example of \_\_\_\_\_ force.

(h) A child suffering from \_\_\_\_\_ passes watery stools.

**5. Short answer questions.**

(8X3=24)

(a) Name an ointment which should be applied on a burnt finger.

(b) What is contour farming?

(c) Which layer of the soil is important for plants?

(d) Planets revolve around the sun, but never collide with each other. Why?

(e) Name the natural satellite of the earth.

(f) Name any two substances that dissolve in water.

(g) Name the ultimate source of energy.

(h) Name any two diseases prevalent in rainy season.

**6. Long answer questions.**

(2X5=10)

(a) Give any one difference between the physical and the chemical change with the help of an example.

(b) How is soil formed? What is meant by soil conservation?

**7. Draw a well labelled diagrams of any 2 of the following.**

(2X5=10)

(a) Layers of the soil

(b) Wind and sound energy

(c) molecules in a liquid